

**Flood Control Project Maintenance
Levee Inspections**

Fall 2015 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

LD0001G	Overall LMA Rating	Total LMA Miles	* Overall LMA Threshold Percent is less than 10.00%; however, U Rated Miles are present, so the Overall LMA Rating is M instead of A.					
Levee District No. 0001 (Glenn County)	M *	12.23						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	0.07		0.07	0.57%	0.04			
Trim / Thin Trees	0.13		0.13	1.06%				
Encroachments	0.05		0.05	0.41%	0.34			
Animal Control	0.19	0.09	0.55	4.50%				
Slope Stability	0.02		0.02	0.16%				
<i>Supplemental</i>								
DWR UCIP Field Study					0.19	0.04		
<i>LMA Totals:</i>	0.46	0.09	0.82	6.70% *	0.57	0.04	0.00	0.00

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Fall 2015 Levee Inspection Results

Levee District No. 0001 (Glenn County)

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)			M	

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2015 Levee Inspection Results

Levee District No. 0001 (Glenn County)

Waterway			Bank	Unit Miles
Unit No. 01 Sacramento River			Right	12.23
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			M	
Date of Inspection	04/07/2015 - 04/07/2015		09/14/2015 - 09/14/2015	
DWR Inspector	Bob Duffey		Bob Duffey	
Accompanied By	Bill Carriere		Bill Carriere	
			Jason Enos	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	09/14/2015 09/14/2015	Bob Duffey

LM Start		Rating **	A	Issue No.	5
LM End		Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals				°
					°
DWR ID	DWR_LD0001G_01_s_2013_5				
Action/Comments					
Inspector Comments: The LMA has copies of the O&M manuals.					

No Photos

LM Start		Rating **	A	Issue No.	9	
LM End		Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Emergency Supplies & Equipment				°	
					°	
DWR ID	DWR_LD0001G_01_s_2013_9					
Action/Comments						
Inspector Comments: The LMA has adequate emergency supplies and equipment.						

No Photos

LM Start		Rating **	A	Issue No.	14
LM End		Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training				°
					°
DWR ID	DWR_LD0001G_01_s_2013_14				
Action/Comments					
Inspector Comments: The LMA has completed flood fight training in the past.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	09/14/2015 09/14/2015	Bob Duffey

LM Start	0.25	Rating **	M	Issue No.	41
LM End	0.25	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.480769 °	39.480769 °
				-122.017301 °	-122.017301 °
DWR ID	DWR_LD0001G_01_f_2015_41				
Action/Comments					
Tree or limb					
Inspector Comments: Remove the tree from the waterside slope.					

Photo 1 of 1 : FA_2015_LD0001G_432_41_20151013_00050.jpg



View of the tree on the waterside slope.

LM Start	0.76	Rating **	M	Issue No.	396
LM End	0.76	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.487806 °	39.487806 °
				-122.019414 °	-122.019414 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:14324 DS_ID:22893 EP_NO: 11782 FS_HLM: 0.79 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Siphon breaker missing from WS shoulder. FIELD_STRUCT_DESC: 3-inch pipe through levee 2.0 feet below crown. Hose bib style siphon breaker on WS shoulder. Pipe runs from concrete sump next to barn on LS to cesspool off WS toe (Permit No. 11782, 1977). FS Date: 05/29/2013					

Photo 1 of 3 : UCIP_FA_2015_0953.jpg



Concrete sump next to barn off LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	09/14/2015 09/14/2015	Bob Duffey

LM Start	0.76	Rating **	M	Issue No.	396 (cont)
LM End	0.76	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.487806 °	39.487806 °
				-122.019414 °	-122.019414 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:14324
 DS_ID:22893
 EP_NO: 11782
 FS_HLM: 0.79
 Repair Type: Non-Urgent
 Crossing Status: Found
 UCIP Comments: Siphon breaker missing from WS shoulder.
 FIELD_STRUCT_DESC: 3-inch pipe through levee 2.0 feet below crown. Hose bib style siphon breaker on WS shoulder. Pipe runs from concrete sump next to barn on LS to cesspool off WS toe (Permit No. 11782, 1977).
 FS Date: 05/29/2013

LM Start	0.76	Rating **	M	Issue No.	396 (cont)
LM End	0.76	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP_FA_2015_0954.jpg



Concrete sump next to barn off LS toe.

Photo 3 of 3 : UCIP_FA_2015_0955.jpg



3-inch pipe at cesspool off WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	09/14/2015 09/14/2015	Bob Duffey

LM Start	0.80	Rating **	M	Issue No.	397
LM End	0.80	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.488160 °	39.488160 °
				-122.019888 °	-122.019888 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:14325					
DS_ID:22894					
EP_NO: 1837					
FS_HLM: 0.826					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					

LM Start	0.80	Rating **	M	Issue No.	397 (cont)
LM End	0.80	Issue Type +	En	Location *	WS

Photo 1 of 3 : UCIP_FA_2015_0956.jpg



Gas pumping plant and appurtenances.

Photo 2 of 3 : UCIP_FA_2015_0957.jpg



Possible pipe at crossing, LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	09/14/2015 09/14/2015	Bob Duffey

LM Start	0.80	Rating **	M	Issue No.	397 (cont)
LM End	0.80	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.488160 °	39.488160 °
				-122.019888 °	-122.019888 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:14325					
DS_ID:22894					
EP_NO: 1837					
FS_HLM: 0.826					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					

Photo 3 of 3 : UCIP_FA_2015_0958.jpg



Gas pumping plant and appurtenances.

LM Start	1.07	Rating **	M	Issue No.	4
LM End	1.30	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.491887 °	39.494572 °
				-122.020238 °	-122.017840 °
DWR ID	DWR_LD0001G_01_s_2012_4				
Action/Comments					
Building					

Photo 1 of 1 : FA_2015_LD0001G_432_4_20150910_00002.jpg



View of vehicles & equipment along the L/S toe.

LM Start	1.08	Rating **	M	Issue No.	43
LM End	1.08	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.492001 °	39.492001 °
				-122.020141 °	-122.020141 °
DWR ID	DWR_LD0001G_01_f_2015_43				
Action/Comments					
Trim trees to at least five feet above ground level. Inspector Comments: Trim the trees that are overhanging the landside slope.					

Photo 1 of 1 : FA_2015_LD0001G_432_43_20151013_00051.jpg



View of the tree limbs on the landside slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	09/14/2015 09/14/2015	Bob Duffey

LM Start	1.09	Rating **	M	Issue No.	398
LM End	1.09	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.492090 °	39.492090 °
				-122.020014 °	-122.020014 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:14326 DS_ID:22895 EP_NO: 2171 FS_HLM: 1.12 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: Need to determine disposition of this pipe. FIELD_STRUCT_DESC: 1 of 2: 3-inch gas pipe through levee 2.0 feet below crown (Permit No. 2171, 1958). FS Date: 05/29/2013					

No Photos

LM Start	1.15	Rating **	M	Issue No.	58
LM End	1.15	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.492788 °	39.492788 °
				-122.019437 °	-122.019437 °
DWR ID	DWR_LD0001G_01_s_2015_58				
Action/Comments					
Prunings					
Inspector Comments: Remove the prunings from the waterside toe.					

Photo 1 of 1 : FA_2015_LD0001G_432_58_20150910_00023.jpg



View of the prunings along the waterside toe.

LM Start	1.20	Rating **	M	Issue No.	1
LM End	1.20	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.493423 °	39.493423 °
				-122.018885 °	-122.018885 °
DWR ID	DWR_LD0001G_01_s_2012_1				
Action/Comments					
Debris					

Photo 1 of 1 : FA_2015_LD0001G_432_1_20150910_00001.jpg



View of the debris & garbage along the W/S toe.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	09/14/2015 09/14/2015	Bob Duffey

LM Start	1.22	Rating **	M	Issue No.	59
LM End	1.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.493667 °	39.493667 °
				-122.018643 °	-122.018643 °
DWR ID	DWR_LD0001G_01_f _ 2015_59				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comments: The levee district has a rodent program in place.					

Photo 1 of 1 : FA_2015_LD0001G_432_59_20150910_00024.jpg



View of the rodent holes along the landside slope.

LM Start	1.25	Rating **	M	Issue No.	399
LM End	1.25	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.493977 °	39.493977 °
				-122.018380 °	-122.018380 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:14327					
DS_ID:22896					
EP_NO: 2171					
FS_HLM: 1.279					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Appears abandoned as well off LS toe has been removed. Need to remove from levee or mark as appropriate.					
FIELD_STRUCT_DESC: 2 of 2: 3-inch pipe through levee 2.0 feet below crown (Permit No. 2171, 1958). Abandoned gas-pump station 260-feet off LS toe.					
FS Date: 05/29/2013					

Photo 1 of 1 : UCIP_FA_2015_0959.jpg



Gasline markers near where removed pumping plant was located.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	09/14/2015 09/14/2015	Bob Duffey

LM Start	1.25	Rating **	M	Issue No.	60
LM End	1.25	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.494033 °	39.494033 °
				-122.018327 °	-122.018327 °
DWR ID	DWR_LD0001G_01_s _ 2015_60				
Action/Comments					
Prunings					
Inspector Comments: Remove the prunings from the landside toe.					

Photo 1 of 1 : FA_2015_LD0001G_432_60_20150910_00025.jpg



View of the prunings along the landside toe.

LM Start	1.32	Rating **	M	Issue No.	6
LM End	1.36	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.494828 °	39.495330 °
				-122.017632 °	-122.017163 °
DWR ID	DWR_LD0001G_01_s _ 2012_6				
Action/Comments					
Landscaping					

Photo 1 of 1 : FA_2015_LD0001G_432_6_20150910_00003.jpg



View of the permitted landscape on the landside slope of the levee.

LM Start	1.97	Rating **	M	Issue No.	400
LM End	1.97	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.499823 °	39.499823 °
				-122.009971 °	-122.009971 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:14328 DS_ID:22897 EP_NO: 14759 FS_HLM: 2.01 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: Appears to have been abandoned. Should be removed or marked as necessary. FIELD_STRUCT_DESC: 4-inch natural gas line through levee 0.17 feet below crown (Permit No. 14759, 1987). FS Date: 05/29/2013					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	09/14/2015 09/14/2015	Bob Duffey

LM Start	2.22	Rating **	M	Issue No.	401
LM End	2.22	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.501690 °	39.501690 °
				-122.006100 °	-122.006100 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:14331
 DS_ID:22898
 EP_NO: 5717A
 FS_HLM: 2.26
 Repair Type: Non-Urgent
 Crossing Status: Found
 UCIP Comments: Pipe abandoned and should be done so properly.
 FIELD_STRUCT_DESC: 8-inch pipe sleeved through 12-inch though the levee 5-feet below the crown. Pump on landward side. Meter pole at landward toe, guy wire anchor in landward slope (Permit No. 5717A, 1969).
 FS Date: 05/29/2013

LM Start	2.22	Rating **	M	Issue No.	401 (cont)
LM End	2.22	Issue Type +	En	Location *	LS

Photo 1 of 2 : UCIP_FA_2015_1032.jpg



8-inch pipe visible at LS toe.

Photo 2 of 2 : UCIP_FA_2015_1033.jpg



Pump at LS toe with no connection to 8-inch pipe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	09/14/2015 09/14/2015	Bob Duffey

LM Start	2.22	Rating **	M	Issue No.	402
LM End	2.22	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.501690 °	39.501690 °
				-122.006099 °	-122.006099 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:14332					
DS_ID:22944					
EP_NO: N/A					
FS_HLM: 2.26					
Repair Type: Non-Urgent					
Crossing Status: Found					

LM Start	2.22	Rating **	M	Issue No.	402 (cont)
LM End	2.22	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP_FA_2015_1034.jpg



8-inch pipe sleeved through a 12-inch concrete pipe.

Photo 2 of 3 : UCIP_FA_2015_1035.jpg



Pipe next to pump at LS toe.

Photo 3 of 3 : UCIP_FA_2015_1036.jpg



Pump at location of pipe on LS toe.

LM Start	2.22	Rating **	M	Issue No.	402 (cont)
LM End	2.22	Issue Type +	En	Location *	LS

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	09/14/2015 09/14/2015	Bob Duffey

LM Start	2.48	Rating **	M	Issue No.	61
LM End	2.48	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.505237 °	39.505237 °
				-122.006493 °	-122.006493 °
DWR ID	DWR_LD0001G_01_s_2015_61				
Action/Comments					
Prunings					

Photo 1 of 1 : FA_2015_LD0001G_432_61_20150910_00026.jpg



View of the prunings along the landside toe.

LM Start	2.80	Rating **	M	Issue No.	49
LM End	2.80	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.509503 °	39.509503 °
				-122.008732 °	-122.008732 °
DWR ID	DWR_LD0001G_01_f_2014_49				
Action/Comments					
Prunings					

Photo 1 of 1 : FA_2015_LD0001G_432_49_20150910_00014.jpg



View of the prunings along the landsides toe.

LM Start	2.80	Rating **	A/W	Issue No.	50
LM End	2.80	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.509503 °	39.509503
				-122.008732 °	-122.008732
DWR ID	DWR_LD0001G_01_f_2014_50				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : FA_2015_LD0001G_432_50_20150910_00015.jpg



View of the rodent activity along the landside slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	09/14/2015 09/14/2015	Bob Duffey

LM Start	2.87	Rating **	M	Issue No.	62
LM End	2.87	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.510492 °	39.510492
				-122.009023 °	-122.009023
DWR ID	DWR_LD0001G_01_s _ 2015_62				
Action/Comments					
Prunings					
Inspector Comments: Remove the pruning from the waterside toe.					

Photo 1 of 1 : FA_2015_LD0001G_432_62_20150910_00027.jpg



View of the pruning on the waterside toe.

LM Start	3.04	Rating **	M	Issue No.	45
LM End	3.04	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.512914 °	39.512914 °
				-122.009063 °	-122.009063 °
DWR ID	DWR_LD0001G_01_s _ 2014_45				
Action/Comments					
Prunings					

Photo 1 of 1 : FA_2015_LD0001G_432_45_20150910_00010.jpg



View of the removed prunings from the l/s slope.

LM Start	3.09	Rating **	U	Issue No.	51
LM End	3.09	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.513485 °	39.513485 °
				-122.009593 °	-122.009593 °
DWR ID	DWR_LD0001G_01_f _ 2014_51				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : FA_2015_LD0001G_432_51_20150910_00016.jpg



View of the rodent activity along the landside slope.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	09/14/2015 09/14/2015	Bob Duffey

LM Start	3.13	Rating **	M	Issue No.	403
LM End	3.13	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.513835 °	39.513835 °
				-122.010029 °	-122.010029 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:16223 DS_ID:22901 EP_NO: 9575 FS_HLM: 3.181 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Appears to have been abandoned. Need to verify pipe was grouted/abandoned properly. FIELD_STRUCT_DESC: 12-inch pipe through levee 14.0 feet below crown. Flap Gate on waterward end (ABO No. 9575, 1974). FS Date: 05/29/2013					

Photo 1 of 2 : UCIP_FA_2015_1416.jpg



Flap gate visible at WS toe.

Photo 2 of 2 : UCIP_FA_2015_1417.jpg



Flap gate visible at WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	09/14/2015 09/14/2015	Bob Duffey

LM Start	3.17	Rating **	M	Issue No.	16
LM End	3.17	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.514378 °	39.514378 °
				-122.010306 °	-122.010306 °
DWR ID	DWR_LD0001G_01_s _ 2012_16				
Action/Comments					
Prunings					

Photo 1 of 1 : FA_2015_LD0001G_432_16_20150910_00008.jpg



View of the pruning pile along the L/S toe.

LM Start	3.39	Rating **	M	Issue No.	46
LM End	3.39	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.517389 °	39.517389
				-122.010685 °	-122.010685
DWR ID	DWR_LD0001G_01_s _ 2014_46				
Action/Comments					
Prunings					

Photo 1 of 1 : FA_2015_LD0001G_432_46_20150910_00011.jpg



View of the prunings along the landside slope.

LM Start	3.63	Rating **	M	Issue No.	56
LM End	3.63	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.520623 °	39.520623 °
				-122.010457 °	-122.010457 °
DWR ID	DWR_LD0001G_01_f _ 2013_56				
Action/Comments					
Prunings					

Photo 1 of 1 : FA_2015_LD0001G_432_56_20150910_00021.jpg



View of the prunings & limbs along the slope of the levee.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	09/14/2015 09/14/2015	Bob Duffey

LM Start	3.86	Rating **	M	Issue No.	23
LM End	3.86	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.523660 °	39.523660 °
				-122.010863 °	-122.010863 °
DWR ID	DWR_LD0001G_01_s _ 2012_23				
Action/Comments					
Equipment					
Inspector Comments: Remove the equipment from the landside toe.					

Photo 1 of 1 : FA_2015_LD0001G_432_23_20151013_00052.jpg



View of the equipment along the landside toe.

LM Start	3.88	Rating **	U	Issue No.	395
LM End	3.88	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.523845 °	39.523845 °
				-122.010745 °	-122.010745 °
DWR ID	DWR_LD0001G_01_s _ 2012_395				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comments: Repair the rodent hole on the landside slope.					

Photo 1 of 1 : FA_2015_LD0001G_432_395_20150910_00028.jpg



View of the rodent holes along the L/S toe.

LM Start	3.88	Rating **	M	Issue No.	52
LM End	3.88	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.523855 °	39.523855 °
				-122.010762 °	-122.010762 °
DWR ID	DWR_LD0001G_01_f _ 2014_52				
Action/Comments					
Prunings					

Photo 1 of 1 : FA_2015_LD0001G_432_52_20150910_00017.jpg



View of the prunings along the landside toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	09/14/2015 09/14/2015	Bob Duffey

LM Start	3.92	Rating **	M	Issue No.	53
LM End	3.92	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.524432 °	39.524432 °
				-122.010417 °	-122.010417 °
DWR ID	DWR_LD0001G_01_f_2014_53				
Action/Comments					
Prunings					

Photo 1 of 1 : FA_2015_LD0001G_432_53_20150910_00018.jpg



View of the prunings along the landside toe.

LM Start	3.98	Rating **	U	Issue No.	404
LM End	3.98	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.524990 °	39.524990 °
				-122.009575 °	-122.009575 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:16243 DS_ID:22904 EP_NO: 9572 FS_HLM: 4.045 Repair Type: Urgent Crossing Status: Found UCIP Comments: Broken flap gate and Concrete headwall on LS toe possibly tilting. Also a 3-inch alluminum irrigation line through the pipe. FIELD_STRUCT_DESC: 18-inch pipe through levee 7.3 feet below crown. Flap gate in 6'X6' concrete box on waterward end. Concrete bulkhead at landward toe (ABO No. 9572, 1974). Originally included in the 1960 O&M manual. FS Date: 05/29/2013					

Photo 1 of 3 : UCIP_FA_2015_0536.jpg



Distribution box on WS toe.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	09/14/2015 09/14/2015	Bob Duffey

LM Start	3.98	Rating **	U	Issue No.	404 (cont)
LM End	3.98	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.524990 °	39.524990 °
				-122.009575 °	-122.009575 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:16243
DS_ID:22904
EP_NO: 9572
FS_HLM: 4.045
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: Broken flap gate and Concrete headwall on LS toe possibly tilting. Also a 3-inch alluminum irrigation line through the pipe.
FIELD_STRUCT_DESC: 18-inch pipe through levee 7.3 feet below crown. Flap gate in 6'X6' concrete box on waterward end. Concrete bulkhead at landward toe (ABO No. 9572, 1974). Originally included in the 1960 O&M manual.
FS Date: 05/29/2013

LM Start	3.98	Rating **	U	Issue No.	404 (cont)
LM End	3.98	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_FA_2015_1452.jpg



Distribution box on WS toe with broken flap gate and 3-inch aluminum irrigation pipe.

Photo 3 of 3 : UCIP_FA_2015_1453.jpg



Headwall on LS toe.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	09/14/2015 09/14/2015	Bob Duffey

LM Start	4.25	Rating **	U	Issue No.	405
LM End	4.25	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.527050 °	39.527050 °
				-122.005247 °	-122.005247 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:14343					
DS_ID:22906					
EP_NO: 1229					
FS_HLM: 4.322					
Repair Type: Urgent					
Crossing Status: Found					

LM Start	4.25	Rating **	U	Issue No.	405 (cont)
LM End	4.25	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP_FA_2015_1037.jpg



8-inch pipe sleeved through 16-inch pipe at LS toe.

Photo 2 of 3 : UCIP_FA_2015_1038.jpg



Gate valve in Concrete riser on WSs houlder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	09/14/2015 09/14/2015	Bob Duffey

LM Start	4.25	Rating **	U	Issue No.	405 (cont)	
LM End	4.25	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			39.527050 °		39.527050 °
				-122.005247 °		-122.005247 °
DWR ID						
Action/Comments						
Inspector Comments: FS_ID:14343						
DS_ID:22906						
EP_NO: 1229						
FS_HLM: 4.322						
Repair Type: Urgent						
Crossing Status: Found						

Photo 3 of 3 : UCIP_FA_2015_1039.jpg



Pump, standpipe, and gate valve on LS toe.

LM Start	4.93	Rating **	M	Issue No.	63
LM End	4.93	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.532719 °	39.532719
				-121.995849 °	-121.995849
DWR ID	DWR_LD0001G_01_f_2015_63				
Action/Comments					
Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comments: Repair the erosion along the waterside slope.					

Photo 1 of 1 : FA_2015_LD0001G_432_63_20151013_00053.jpg



View of the vehicle erosion along the waterside slope.

LM Start	5.06	Rating **	M	Issue No.	57
LM End	5.06	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.534593 °	39.534593 °
				-121.995950 °	-121.995950 °
DWR ID	DWR_LD0001G_01_f_2013_57				
Action/Comments					
Repair the levee slope damaged by vehicle traffic and prevent access where possible.					

Photo 1 of 1 : FA_2015_LD0001G_432_57_20150910_00022.jpg



View of the vehicle erosion along the slope of the levee.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	09/14/2015 09/14/2015	Bob Duffey

LM Start	5.08	Rating **	U	Issue No.	7
LM End	5.15	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.534741 °	39.535738 °
				-121.996024 °	-121.996570 °
DWR ID	DWR_LD0001G_01_f_2012_7				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : FA_2015_LD0001G_432_7_20150910_00004.jpg



View of the rodent hole along the levee slope.

LM Start	5.54	Rating **	M	Issue No.	25
LM End	5.57	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.541042 °	39.541454 °
				-121.999276 °	-121.999521 °
DWR ID	DWR_LD0001G_01_s_2012_25				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	5.90	Rating **	M	Issue No.	54
LM End	5.90	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.545992 °	39.545992 °
				-122.001180 °	-122.001180 °
DWR ID	DWR_LD0001G_01_f_2014_54				
Action/Comments					
Prunings					

Photo 1 of 1 : FA_2015_LD0001G_432_54_20150910_00019.jpg



View of the prunings along the landside toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	09/14/2015 09/14/2015	Bob Duffey

LM Start	6.18	Rating **	M	Issue No.	406
LM End	6.18	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.549911 °	39.549911 °
				-122.002102 °	-122.002102 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:14352 DS_ID:22911 EP_NO: 5118 FS_HLM: 6.274 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: New gasline markers should be installed as existing signage has been sun faded FIELD_STRUCT_DESC: 1 of 2: 12.75-inch high pressure gas line through levee 3.0 feet below crown (Permit No. 5118, 1965). FS Date: 05/30/2013					

LM Start	6.18	Rating **	M	Issue No.	406 (cont)
LM End	6.18	Issue Type +	En	Location *	LS

Photo 1 of 2 : UCIP_FA_2015_1040.jpg



Gasline sign on WS shoulder.

Photo 2 of 2 : UCIP_FA_2015_1041.jpg



Gasline flags on LS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	09/14/2015 09/14/2015	Bob Duffey

LM Start	6.18	Rating **	M	Issue No.	407
LM End	6.18	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.549938 °	39.549938 °
				-122.002110 °	-122.002110 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:16224					
DS_ID:22937					
EP_NO: 5118					
FS_HLM: 6.276					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					

Photo 1 of 1 : UCIP_FA_2015_1418.jpg



Gasline sign on WS shoulder.

LM Start	6.22	Rating **	M	Issue No.	47
LM End	6.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.550533 °	39.550533
				-122.002319 °	-122.002319
DWR ID	DWR_LD0001G_01_s_2014_47				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : FA_2015_LD0001G_432_47_20150910_00012.jpg



View of the rodent activity along the l/s slope.

LM Start	6.30	Rating **	M	Issue No.	65
LM End	6.30	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.551665 °	39.551665 °
				-122.002639 °	-122.002639 °
DWR ID	DWR_LD0001G_01_f_2015_65				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comments: Remove the vegetation from the waterside slope and toe.					

Photo 1 of 1 : FA_2015_LD0001G_432_65_20151013_00054.jpg



View of the vegetation along the waterside slope and toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	09/14/2015 09/14/2015	Bob Duffey

LM Start	6.30	Rating **	M	Issue No.	64
LM End	6.30	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.551666 °	39.551666 °
				-122.002639 °	-122.002639 °
DWR ID	DWR_LD0001G_01_f_2015_64				
Action/Comments					
Trim trees to at least five feet above ground level.					
Inspector Comments: Trim the trees along the landside slope.					

Photo 1 of 1 : FA_2015_LD0001G_432_64_20151013_00055.jpg



View of the trees along the landside toe.

LM Start	6.56	Rating **	A/W	Issue No.	10
LM End	6.56	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.555274 °	39.555274 °
				-122.003505 °	-122.003505 °
DWR ID	DWR_LD0001G_01_s_2012_10				
Action/Comments					
Environmental Requirements.					

Photo 1 of 1 : FA_2015_LD0001G_432_10_20150910_00006.jpg



View of the Army Corps of Engineers mitigation site.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	09/14/2015 09/14/2015	Bob Duffey

LM Start	6.73	Rating **	M	Issue No.	408
LM End	6.73	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.557721 °	39.557721 °
				-122.004267 °	-122.004267 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:14373
 DS_ID:22915
 EP_NO: 1443A
 FS_HLM: 6.834
 Repair Type: Non-Urgent
 Crossing Status: Found
 UCIP Comments: Pipe abandoned, but need to verify if it was abandoned properly.
 FIELD_STRUCT_DESC: 36-inch concrete encased pipe through levee 9.0 feet below crown. Steel plate welded over pipe at LS toe. 3-inch steel vent pipe on LS toe. Originally included in the 1960 O&M manual.
 FS Date: 05/30/2013

LM Start	6.73	Rating **	M	Issue No.	408 (cont)
LM End	6.73	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP_FA_2015_1106.jpg



Pipe with steel plate welded over end on LS of levee crown.

Photo 2 of 2 : UCIP_FA_2015_1107.jpg



Pipe with steel plate welded over end on LS of levee crown.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	09/14/2015 09/14/2015	Bob Duffey

LM Start	6.90	Rating **	M	Issue No.	409
LM End	6.90	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.560072 °	39.560072 °
				-122.005039 °	-122.005039 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:14384					
DS_ID:22917					
EP_NO: 9702					
FS_HLM: 7.005					
Repair Type: Non-Urgent					
Crossing Status: Found					

LM Start	6.90	Rating **	M	Issue No.	409 (cont)
LM End	6.90	Issue Type +	En	Location *	WS

Photo 1 of 3 : UCIP_FA_2015_1108.jpg



Concrete standpipe off WS toe.

Photo 2 of 3 : UCIP_FA_2015_1109.jpg



Slide gate in 36-inch CMP standpipe on WS slope

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	09/14/2015 09/14/2015	Bob Duffey

LM Start	6.90	Rating **	M	Issue No.	409 (cont)
LM End	6.90	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.560072 °	39.560072 °
				-122.005039 °	-122.005039 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:14384					
DS_ID:22917					
EP_NO: 9702					
FS_HLM: 7.005					
Repair Type: Non-Urgent					
Crossing Status: Found					

Photo 3 of 3 : UCIP_FA_2015_1110.jpg



Pipe on LS toe with concrete standpipe visible.

LM Start	8.05	Rating **	M	Issue No.	20
LM End	8.16	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.576580 °	39.578187 °
				-122.004962 °	-122.005218 °
DWR ID	DWR_LD0001G_01_s_2012_20				
Action/Comments					
Thin trees to allow visibility of the ground and room to flood fight.					

Photo 1 of 1 : FA_2015_LD0001G_432_20_20150910_00009.jpg



View of the trees and vegetation along the waterside slope of the levee.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	09/14/2015 09/14/2015	Bob Duffey

LM Start	8.47	Rating **	U	Issue No.	410
LM End	8.47	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.582275 °	39.582275 °
				-122.007449 °	-122.007449 °
DWR ID					

Action/Comments					
Inspector Comments: FS_ID:43096 DS_ID:22918 EP_NO: 9563 FS_HLM: 8.59 Repair Type: Urgent Crossing Status: Found UCIP Comments: Pipe open on both ends and damaged on WS slope. Pipe should be abandoned properly if appropriate. FIELD_STRUCT_DESC: *Abandoned* 12-inch pipe through levee 5.0 feet below crown. Pipe open on both ends. One corrugated metal cutoff wall (ABO No. 9563, 1974). Originally included in the 1960 O&M manual. FS Date: 05/31/2013					

LM Start	8.47	Rating **	U	Issue No.	410 (cont)
LM End	8.47	Issue Type +	En	Location *	WS

Photo 1 of 3 : UCIP_FA_2015_1111.jpg



Pipe on WS slope.

Photo 2 of 3 : UCIP_FA_2015_1112.jpg



Pipe on LS slope.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	09/14/2015 09/14/2015	Bob Duffey

LM Start	8.47	Rating **	U	Issue No.	410 (cont)
LM End	8.47	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.582275 °	39.582275 °
				-122.007449 °	-122.007449 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:43096					
DS_ID:22918					
EP_NO: 9563					
FS_HLM: 8.59					
Repair Type: Urgent					
Crossing Status: Found					

Photo 3 of 3 : UCIP_FA_2015_1113.jpg



Pipe on LS slope.

LM Start	8.83	Rating **	M	Issue No.	411
LM End	8.83	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.587028 °	39.587028 °
				-122.005609 °	-122.005609 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:16204 DS_ID:23147 EP_NO: N/A FS_HLM: 8.958 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine if this passes completely through levee and what Permit No. was issued for it. FIELD_STRUCT_DESC: 1.5-inch galvanized iron pipe through the levee 6-feet below the crown. 1-inch PVC irrigation line sleeved through this conduit. FS Date: 05/31/2013					

Photo 1 of 3 : UCIP_FA_2015_1410.jpg



Pipe debris on WS slope may be indicator of pipe location on WS.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	09/14/2015 09/14/2015	Bob Duffey

LM Start	8.83	Rating **	M	Issue No.	411 (cont)
LM End	8.83	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.587028 °	39.587028 °
				-122.005609 °	-122.005609 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:16204
 DS_ID:23147
 EP_NO: N/A
 FS_HLM: 8.958
 Repair Type: Non-Urgent
 Crossing Status: Found
 UCIP Comments: Need to determine if this passes completely through levee and what Permit No. was issued for it.
 FIELD_STRUCT_DESC: 1.5-inch galvanized iron pipe through the levee 6-feet below the crown. 1-inch PVC irrigation line sleeved through this conduit.
 FS Date: 05/31/2013

LM Start	8.83	Rating **	M	Issue No.	411 (cont)
LM End	8.83	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP_FA_2015_1411.jpg



Pipe visible next to well with bucket over standpipe.

Photo 3 of 3 : UCIP_FA_2015_1412.jpg



Pipe visible next to well with bucket over standpipe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	09/14/2015 09/14/2015	Bob Duffey

LM Start	9.49	Rating **	M	Issue No.	412
LM End	9.49	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.596012 °	39.596012 °
				-122.002638 °	-122.002638 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:14389					
DS_ID:22920					
EP_NO: 9560					
FS_HLM: 9.625					
Repair Type: Non-Urgent					
Crossing Status: Found					

LM Start	9.49	Rating **	M	Issue No.	412 (cont)
LM End	9.49	Issue Type +	En	Location *	WS

Photo 1 of 3 : UCIP_FA_2015_1114.jpg



Flap gate and headwall on WS toe.

Photo 2 of 3 : UCIP_FA_2015_1115.jpg



Slide gate in 8-foot diameter CMP riser on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	09/14/2015 09/14/2015	Bob Duffey

LM Start	9.49	Rating **	M	Issue No.	412 (cont)
LM End	9.49	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.596012 °	39.596012 °
				-122.002638 °	-122.002638 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:14389					
DS_ID:22920					
EP_NO: 9560					
FS_HLM: 9.625					
Repair Type: Non-Urgent					
Crossing Status: Found					

Photo 3 of 3 : UCIP_FA_2015_1116.jpg



Pipe and headwall at LS toe.

LM Start	9.50	Rating **	A/W	Issue No.	8
LM End	10.40	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.596192 °	39.607288 °
				-122.002573 °	-121.994565 °
DWR ID	DWR_LD0001G_01_s_2012_8				
Action/Comments					
Environmental Requirements.					

Photo 1 of 1 : FA_2015_LD0001G_432_8_20150910_00005.jpg



View of the Army Corps of Engineers mitigation site.

LM Start	9.57	Rating **	M	Issue No.	11
LM End	9.57	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.597078 °	39.597078 °
				-122.002127 °	-122.002127 °
DWR ID	DWR_LD0001G_01_s_2012_11				
Action/Comments					
Debris					

Photo 1 of 1 : FA_2015_LD0001G_432_11_20150910_00007.jpg



View of debris along the toe of the levee.

* Location		** Rating		+ Issue Type	
LS : Land Side WS : Water Side CR : Crown		A : Acceptable M : Minimally Acceptable U : Unacceptable		Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
N/A : Not Applicable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	09/14/2015 09/14/2015	Bob Duffey

LM Start	10.19	Rating **	M	Issue No.	413
LM End	10.19	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.604696 °	39.604696 °
				-121.996265 °	-121.996265 °
DWR ID					

Action/Comments					
Inspector Comments: FS_ID:16205 DS_ID:23148 EP_NO: N/A FS_HLM: 10.33 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine Permit No. for crossing. FIELD_STRUCT_DESC: 6-inch steel conduit through the levee 8-inches below the crown. Pump, vent, filter, and siphon breaker on LS toe. 4-inch PVC irrigation line sleeved through conduit for vegetation rehabilitation on WS slope. FS Date: 05/31/2013					

LM Start	10.19	Rating **	M	Issue No.	413 (cont)
LM End	10.19	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP_FA_2015_1413.jpg



Cover over pipe on WS berm.

Photo 2 of 3 : UCIP_FA_2015_1414.jpg



Pipe on LS slope.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	09/14/2015 09/14/2015	Bob Duffey

LM Start	10.19	Rating **	M	Issue No.	413 (cont)
LM End	10.19	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.604696 °	39.604696 °
				-121.996265 °	-121.996265 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:16205 DS_ID:23148 EP_NO: N/A FS_HLM: 10.33 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP_FA_2015_1415.jpg



Pump with siphon breaker, vent and filter on LS toe.

LM Start	10.41	Rating **	M	Issue No.	414
LM End	10.41	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.607474 °	39.607474 °
				-121.994410 °	-121.994410 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:14562 DS_ID:22938 EP_NO: 9557 FS_HLM: 10.55 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Abandoned and should be done so properly. FIELD_STRUCT_DESC: 2 of 2: 1.5 inch galvanized iron electrical conduit through the levee 3.0 feet below the crown (ABO No. 9557, 1974). Originally included in the 1960 O&M manual. FS Date: 05/31/2013					

Photo 1 of 2 : UCIP_FA_2015_1307.jpg



Pipe visible off WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	09/14/2015 09/14/2015	Bob Duffey

LM Start	10.41	Rating **	M	Issue No.	414 (cont)
LM End	10.41	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.607474 °	39.607474 °
				-121.994410 °	-121.994410 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:14562 DS_ID:22938 EP_NO: 9557 FS_HLM: 10.55 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Abandoned and should be done so properly. FIELD_STRUCT_DESC: 2 of 2: 1.5 inch galvanized iron electrical conduit through the levee 3.0 feet below the crown (ABO No. 9557, 1974). Originally included in the 1960 O&M manual. FS Date: 05/31/2013					

Photo 2 of 2 : UCIP_FA_2015_1308.jpg



Source at JP next to concrete distribution box at LS toe.

LM Start	10.41	Rating **	M	Issue No.	415
LM End	10.41	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.607474 °	39.607474 °
				-121.994410 °	-121.994410 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:14561 DS_ID:22923 EP_NO: 9557 FS_HLM: 10.55 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: This pipe appears abandoned and should be done so properly. FIELD_STRUCT_DESC: 1 of 2: 10-inch pipe through levee 3.7 feet below crown. Pump on bank. Siphon breaker on waterward berm. One corrugated metal cutoff wall. Concrete distribution box at toe of landward slope (ABO No. 9557, 1974). Originally included in the 1960 O&M manual. FS Date: 05/31/2013					

Photo 1 of 3 : UCIP_FA_2015_1285.jpg



10-inch steel pipe and 1.5-inch electrical conduit on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	09/14/2015 09/14/2015	Bob Duffey

LM Start	10.41	Rating **	M	Issue No.	415 (cont)
LM End	10.41	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.607474 °	39.607474 °
				-121.994410 °	-121.994410 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:14561
 DS_ID:22923
 EP_NO: 9557
 FS_HLM: 10.55
 Repair Type: Non-Urgent
 Crossing Status: Found
 UCIP Comments: This pipe appears abandoned and should be done so properly.
 FIELD_STRUCT_DESC: 1 of 2: 10-inch pipe through levee 3.7 feet below crown. Pump on bank. Siphon breaker on waterward berm. One corrugated metal cutoff wall. Concrete distribution box at toe of landward slope (ABO No. 9557, 1974). Originally included in the 1960 O&M manual.
 FS Date: 05/31/2013

LM Start	10.41	Rating **	M	Issue No.	415 (cont)
LM End	10.41	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_FA_2015_1286.jpg



Concrete distribution box at LS toe with outlet from pipe through levee.

Photo 3 of 3 : UCIP_FA_2015_1306.jpg



Concrete distribution box at LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	09/14/2015 09/14/2015	Bob Duffey

LM Start	10.43	Rating **	U	Issue No.	416
LM End	10.43	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.607688 °	39.607688 °
				-121.994278 °	-121.994278 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41784					
DS_ID:22924					
EP_NO: 9556					
FS_HLM: 10.567					
Repair Type: Urgent					
Crossing Status: Found					

LM Start	10.43	Rating **	U	Issue No.	416 (cont)
LM End	10.43	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP_FA_2015_0960.jpg



Drainage channel on LS toe.

Photo 2 of 3 : UCIP_FA_2015_1309.jpg



Pipe and flapgate at WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	09/14/2015 09/14/2015	Bob Duffey

LM Start	10.43	Rating **	U	Issue No.	416 (cont)
LM End	10.43	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.607688 °	39.607688 °
				-121.994278 °	-121.994278 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41784					
DS_ID:22924					
EP_NO: 9556					
FS_HLM: 10.567					
Repair Type: Urgent					
Crossing Status: Found					

Photo 3 of 3 : UCIP_FA_2015_1310.jpg



Concrete headwall and pipe at LS toe.

LM Start	10.43	Rating **	C	Issue No.	55
LM End	10.43	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.607705 °	39.607705 °
				-121.994267 °	-121.994267 °
DWR ID	DWR_LD0001G_01_f_2014_55				
Action/Comments					
Prunings					
Inspector Comments: LMA burned the prunings that were along the landside toe.					

No Photos

LM Start	11.14	Rating **	M	Issue No.	66
LM End	11.14	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.617675 °	39.617675 °
				-121.994976 °	-121.994976 °
DWR ID	DWR_LD0001G_01_f_2015_66				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: Repair the rodent holes along the waterside slope.					

Photo 1 of 1 : FA_2015_LD0001G_432_66_20151013_00057.jpg



View of the rodent holes along the waterside slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	09/14/2015 09/14/2015	Bob Duffey

LM Start	11.55	Rating **	M	Issue No.	48
LM End	11.55	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.622652 °	39.622652
				-121.999185 °	-121.999185
DWR ID	DWR_LD0001G_01_s _ 2014_48				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : FA_2015_LD0001G_432_48_20150910_00013.jpg



View of the rodent activity along the waterside slope.

LM Start	11.67	Rating **	M	Issue No.	42
LM End	11.79	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.624171 °	39.625823 °
				-121.999967 °	-122.000834 °
DWR ID	DWR_LD0001G_01_s _ 2012_42				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	09/14/2015 09/14/2015	Bob Duffey

LM Start	11.76	Rating **	M	Issue No.	417
LM End	11.76	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.625463 °	39.625463 °
				-122.000658 °	-122.000658 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:14567
 DS_ID:22927
 EP_NO: 9554
 FS_HLM: 11.913
 Repair Type: Non-Urgent
 Crossing Status: Found
 UCIP Comments: Erosion and sloughing on LS slope possibly due to rodent activity in area.
 FIELD_STRUCT_DESC: 24-inch corrugated metal pipe through levee 11.0 feet below crown. Slide gate in 36-inch corrugated metal pipe riser on waterward slope. 48-inch concrete standpipe on landward toe. Two corrugated metal cutoff walls (ABO No. 9554, 1974). Originally included in the 1960 O&M manual.
 FS Date: 05/31/2013

LM Start	11.76	Rating **	M	Issue No.	417 (cont)
LM End	11.76	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP_FA_2015_0961.jpg



Erosion and sloughing on LS slope possibly due to rodent activity.

Photo 2 of 3 : UCIP_FA_2015_0962.jpg



Slide gate in CMP riser on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	09/14/2015 09/14/2015	Bob Duffey

LM Start	11.76	Rating **	M	Issue No.	417 (cont)
LM End	11.76	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.625463 °	39.625463
				-122.000658 °	-122.000658
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:14567					
DS_ID:22927					
EP_NO: 9554					
FS_HLM: 11.913					
Repair Type: Non-Urgent					
Crossing Status: Found					

Photo 3 of 3 : UCIP_FA_2015_0963.jpg



Concrete standpipe on LS toe.

LM Start	11.87	Rating **	M	Issue No.	418
LM End	11.87	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.626918 °	39.626918 °
				-122.001421 °	-122.001421 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:14569 DS_ID:22928 EP_NO: 9554 FS_HLM: 12.022 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Flap gate heavily corroded. Good candidate for video inspection. Vegetation interfering with inlet. FIELD_STRUCT_DESC: 24-inch corrugated metal pipe through levee 7.0 feet below crown. Flap gate on waterward end. Slide gate in 36-inch corrugated metal pipe riser on waterward slope. Concrete headwalls on both ends. Two corrugated metal cutoff walls (ABO No. 9554, 1974). Originally included in the 1960 O&M manual. FS Date: 05/31/2013					

Photo 1 of 3 : UCIP_FA_2015_0964.jpg



Headwall and flapgate on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	09/14/2015 09/14/2015	Bob Duffey

LM Start	11.87	Rating **	M	Issue No.	418 (cont)
LM End	11.87	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.626918 °	39.626918 °
				-122.001421 °	-122.001421 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:14569
 DS_ID:22928
 EP_NO: 9554
 FS_HLM: 12.022
 Repair Type: Non-Urgent
 Crossing Status: Found
 UCIP Comments: Flap gate heavily corroded. Good candidate for video inspection. Vegetation interfering with inlet.
 FIELD_STRUCT_DESC: 24-inch corrugated metal pipe through levee 7.0 feet below crown. Flap gate on waterward end. Slide gate in 36-inch corrugated metal pipe riser on waterward slope. Concrete headwalls on both ends. Two corrugated metal cutoff walls (ABO No. 9554, 1974). Originally included in the 1960 O&M manual.
 FS Date: 05/31/2013

LM Start	11.87	Rating **	M	Issue No.	418 (cont)
LM End	11.87	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_FA_2015_0965.jpg



Drainage channel on LS toe.

Photo 3 of 3 : UCIP_FA_2015_0966.jpg



Slidegate in 36-inch CMP riser on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.23	09/14/2015 09/14/2015	Bob Duffey

LM Start	11.91	Rating **	M	Issue No.	44
LM End	11.97	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.627423 °	39.628278 °
				-122.001562 °	-122.001818 °
DWR ID	DWR_LD0001G_01_s _ 2012_44				
Action/Comments					
Elderberries are blocking visibility and flood fight capability. Inspector Comments: Elderberries partially block visibility.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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